Hotel Booking Data set analysis using Power query

TASK 1

Change the data type of the "property_id" column to "text".

TASK 2

Some values in the "property_name" column are shown as "Atliq bay" instead of "Atliq Bay". Replace these values to show "Atliq Bay" instead.

TASK 3

Format the "property_type" column by removing any unnecessary leading or trailing spaces using the TRIM() function.

TASK 4

The "city|city_code" column includes both the city and city_code separated by a '|' symbol

TASK 5

Create a new conditional column called "Availability Status". If "successful_bookings" equals "capacity", set the value to "sold out"; otherwise, set it to "vacant".

TASK 6

Create a new custom column called "occ%", which represents the ratio of successful_bookings to capacity. Change the data type to a percentage format.
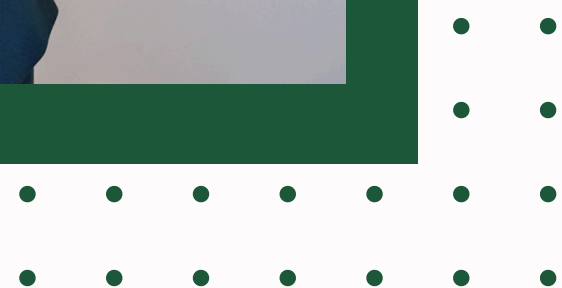
TASK 7

Merge the two tables, "bookings_data" and "rooms_data", on the "room_id" column to add the "room_class" column to the "bookings_data" table.
Reorder the columns so that "room_class" is next to "room_id".

TASK 8

Extract the month_name from the "date" column.

date	property_id	property_name	property_type	city	city_code	room_id	room_class	successful_bookings	capacity	Availability S
01-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT2	Elite	30	30	Sold out
01-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT1	Standard	41	41	Sold out
01-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT1	Standard	20	20	Sold out
01-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT3	Premium	4	27	vacant
01-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT3	Premium	7	20	vacant
01-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT4	Presidential	3	18	vacant
01-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT2	Elite	9	38	vacant
03-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT4	Presidential	5	18	vacant
03-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT2	Elite	12	38	vacant
03-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT2	Elite	30	30	Sold out
03-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT1	Standard	15	41	vacant
03-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT1	Standard	7	20	vacant
03-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT3	Premium	27	27	Sold out
03-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT3	Premium	9	20	vacant
03-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT4	Presidential	2	6	vacant
06-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT2	Elite	9	38	vacant
06-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT2	Elite	4	30	vacant
06-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT1	Standard	2	20	vacant
06-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT1	Standard	9	41	vacant
06-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT3	Premium	4	27	vacant
06-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT3	Premium	4	20	vacant
06-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT4	Presidential	5	18	vacant
06-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT4	Presidential	1	6	vacant
09-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT2	Elite	9	38	vacant
09-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT2	Elite	30	30	Sold out
09-06-2022	16563	Atliq Palace	Business	Delhi	+91 11	RT1	Standard	12	41	vacant
09-06-2022	17562	Atliq Bay	Luxury	Mumbai	+91 22	RT1	Standard	4	20	vacant

Thank you!